

Substitute for FORM PTO-1449			Attorney Docket Number 102.0001-14000		Customer No. 22882	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Gary K. Michelson, M.D.		Application Number (Cont. of 08/480,684)	
(Use several sheets if necessary) Sheet <u>1</u> of <u>4</u>			Filing Date October 15, 2003		Group Art Unit (3764)	
Examiner (M. Brown)						
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	D 257511	Nov-80	Zahn			
	D 260525	Sep-81	Lassiter			
Lit. 1	Re. 31,865	Apr-85	Roux			
	2,243,718	May-41	Moreira			
	2,537,070	Jan-51	Longfellow			
	2,543,780	Mar-51	Hipps et al.			
Lit. 2	3,128,768	Apr-64	Geistauts			
Lit. 1	3,298,372	Jan-67	Feinberg et al.			
	3,426,364	Feb-69	Lumb			
Lit. 2	3,486,505	Dec-69	Morrison			
Lit. 1	3,604,487	Sep-71	Gilbert			
Lit. 3b	3,719,186	Mar-73	Merig, jr.			
Lit. 2	3,848,601	Nov-74	Ma et al.			
	3,867,728	Feb-75	Stubstad et al.			
Lit. 2	3,875,595	Apr-75	Froning			
Lit. 2	3,892,232	Jul-75	Neufeld			
Lit. 1	3,905,047	Sep-75	Long			
Lit. 1	4,016,651	Apr-77	Kawahara et al.			
	4,051,905	Oct-77	Kleine			
	4,059,115	Nov-77	Jumashev et al.			
	4,070,514	Jan-78	Entherly et al.			
Lit. 1	4,086,701	May-78	Kawahara et al.			
Lit. 1	4,124,026	Nov-78	Berner et al.			
Lit. 1	4,175,555	Nov-79	Herbert			
Lit. 1	4,177,524	Dec-79	Grell et al.			
	4,181,457	Jan-80	Holmes			
Lit. 1	4,259,072	Mar-81	Hirabayashi et al.			
Lit. 1	4,262,369	Apr-81	Roux			
	4,289,123	Sep-81	Dunn			

Lit. 1 MB	4,293,962	Oct-81	Fuson			
	4,309,777	Jan-82	Patil			
Lit. 1	4,328,593	May-82	Sutter et al.			
	4,332,036	Jun-82	Sutter et al.			
	4,341,206	Jul-82	Perrett et al.			
Lit. 1 & 3c	4,349,921	Sep-82	Kuntz			
Lit. 1	4,356,572	Nov-82	Guillemin et al.			
	4,401,112	Aug-83	Rezaian			
	4,423,721	Jan-84	Otte et al.			
Lit. 1	4,484,570	Nov-84	Sutter et al.			
Lit. 1 & 2	4,501,269	Feb-85	Bagby			
Lit. 2	4,545,374	Oct-85	Jacobson			
	4,553,273	Nov-85	Wu			
	4,554,914	Nov-85	Kapp et al.			
Lit. 2, 3b, & 3c	4,570,624	Feb-86	Wu			
	4,599,086	Jul-86	Doty			
	4,636,217	Jan-87	Ogilvie et al.			
Lit. 1	4,653,486	Mar-87	Coker			
	4,657,550	Apr-87	Daher			
	4,664,567	May-87	Edwards			
	4,710,075	Dec-87	Davison			
Lit. 1	4,713,004	Dec-87	Linkow et al.			
Lit. 3c	4,714,469	Dec-87	Kenna			
	4,736,738	Apr-88	Lipovesek et al.			
Lit. 1 & 2	4,743,256	May-88	Brantigan			
	4,743,260	May-88	Burton			
	4,763,644	Aug-88	Webb			
	4,790,303	Dec-88	Steffee			
	4,805,602	Feb-89	Puno et al.			
	4,820,305	Apr-89	Harms et al.			
Lit. 1 & 2	4,834,757	May-89	Brantigan			
Lit. 2	4,848,327	Jul-89	Perdue			
Lit. 2	4,863,476	Sep-89	Shepperd			
	4,863,477	Sep-89	Monson			
Lit. 1	4,877,020	Oct-89	Vich			
Lit. 1 & 2	4,878,915	Nov-89	Brantigan			
	4,904,260	Feb-90	Ray et al.			
	4,904,261	Feb-90	Dove et al.			

MB		4,936,848	Jun-90	Bagby			
		4,955,908	Sep-90	Frey et al.			
		5,015,247	May-91	Michelson			
Lit. 1		5,084,050	Jan-92	Draenert			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
Lit. 2, 3a, 3b, & 3c		EP 0 077 159	04/1983	Europe			N/A
		EP 0 260 044	3/1988	Europe			N/A
		EP 0 268 115	4/1989	Europe			US Equivalent 4,820,305
		EP 0 307241	3/1989	Europe			N/A
		FR 2581336	11/1986	France			Abstract Only
Lit. 1		DE 1961531	07/1970	Germany			UK Equivalent GB 1291470
		DE 26 21 384	11/1977	Germany			US Equivalent 4,177,524
		DE 31 01 333	12/1981	Germany			Abstract Only
		DE 31 32 520	6/1982	Germany			Abstract Only
Lit. 1		DE 35 05 567 A1	06/1986	Germany			Abstract Only
		GB 1291470	10/1972	G. Britain			N/A
Lit. 1		ES 283078	05/1985	Spain			US Equivalent 4,877,020
		WO 86/03666	7/1986	WIPO			US Equivalent 5,084,050
		WO 88/03781	6/1988	WIPO			Abstract Only
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Lit. 1		Bagby, George W.; Wobbler Syndrome in Horses (the Ataxic Horse); Spokane County Medical Society Bulletin; Spring 1979 .					
Lit. 1		Albrektsson, T., et al.; Osseointegrated Titanium Implants; Acta. Orthop. Scand.; Vol. 52:155-170 (1981).					
Lit. 1		Raveh, J., et al.; Neue Rekonstruktionsmöglichkeiten des Unterkiefers bei knöchernen Defekten nach Tumorresektionen; Der Chirurg Vol. 53:459-467 (1982).					
Lit. 1 & 2		DeBowes, R.M., et al.; Study of Bovine...Steel Baskets; Transactions of the 29th Annual Meeting; Orthopaedic Research Society, Vol. 8, p. 407, March 8-10 (1983).					
Lit. 2		Brandt, L., et al.; A Dowel Insert for Anterior Cervical Interbody Fusion; J. Neurosurg. 61:793-794 (October 1984).					
Lit. 1		Raveh, J., et al.; Use of the Titanium-coated Hollow Screw and Reconstruction Plate System in Bridging of Lower Jaw Defects; J. Oral Maxillofac Surg. 42:281-294 (1984).					
Lit. 1, 2, 3a, & 3b		Otero-Vich, Jose M.; Anterior Cervical Interbody Fusion with Threaded Cylindrical Bone; J. Neurosurg 63:750-753 (November 1985).					
Lit. 1		Morscher, E., et al.; Die vordere Verplattung der Halswirbelsäule mit dem Hohlschrauben-Plattensystem aus Titanium, Der Chirurg, Vol. 57, pp. 702-707 (1986) with English Translation.					
Lit. 1 & 2		Bagby, G.W.; Basket Implant Facilitates Spinal Fusion; Orthopedics Today, Vol. 7, No. 10, (October 1987).					
Lit. 1 & 3a		Butts, M. K., et al.; Biomechanical Analysis of a New Method for Spinal Interbody Fixation; 1987 Symposium, American Society of Mechanical Engineers, "Advances in Bioengineering", Boston, MA (Dec. 13-18, 1987).					
Lit. 1		Crawley et al.; A Modified Cloward's Technique for Arthrodesis of the Normal Metacarpophalangeal Joint in the Horse; Veterinary Surgery, Vol. 17, No. 3, pp. 117-127 (1988).					

Lit. 1 <i>mb</i>	Raveh, J., et al.; Surgical Procedures for Reconstruction of the Lower Jaw Using the Titanium-Coated Hollow-Screw Reconstruction Plate System: Bridging of Defects; Otolaryngologic Clinics of North America; Vol. 20, No. 3 (August 1987).
Lit. 2	Goldthwaite, N., et al.; Toward Percutaneous Spine Fusion; Ch. 45; Lumbar Spine Surgery; C.V. Mosby Company, pp. 512-522 (1987).
Lit. 1 & 2	Bagby, G.W.; Arthrodesis by the Distraction-Compression Method Using a Stainless Steel Implant; Orthopedics, Vol. II, No. 6, pp. 931-34 (June 1987).
Lit. 1	Itoman, M., et al.; Banked Bone Grafting for Bone Defect Repair--Clinical Evaluation of Bone Union and Graft Incorporation; J. Jpn. Orthop. Assoc. 62:461-469 (1988).
Lit. 3a & 3c	Cloward, Ralph B.; Surgical Techniques for Lumbar Disc Lesions; Codman; Signature Serial 3.
Lit. 3c	Cloward, Ralph B.; Ruptured Cervical Intervertebral Discs: Removal of Disc & Osteophytes & Anterior Cervical Interbody Fusion (A.C.I.F.); Codman; Signature Series 4.
Lit. 3	Cloward, Ralph B.; Recent Advances in Surgery of the Cervical Spine; pp. 285-293; German Society For Neurosurgery: Volume 2 Cervical Spine Operations; Excerpta Medica.
Lit. 3c	Hutter, Charles George; Spinal Stenosis and Posterior Lumbar Interbody Fusion; pp. 103-114; Clinical Orthopaedics and Related Research; No. 193; The Association of Bone and Joint Surgeons.
Lit. 3c	Lin, Paul M.; Posterior Lumbar Interbody Fusion; pp. 114-122; Charles C. Thomas; Springfield, Illinois.
Lit. 3a & 3b	Muller, M.E.; Manual of Internal Fixation: Techniques Recommended by the AO Group; Second Edition, Expanded and Revised; pp. 3-20, 27-41, 53-58, 71-78, 94, 311, 320; Springer-Verlag; 1979.
Lit. 3a & 3b	Hierholzer, G.; Manual on the AO/ASIF Tubular External Fixator; pp. 85-91; Springer-Verlag; 1985.
Lit. 3a & 3b	Heim, Urs; Small Fragment Set Manual: Technique Recommended by the ASIF-Group; pp. 5-7, 10, 20, 21, 30; Springer-Verlag; 1974.
Lit. 3c	Harmon, Paul H.; Anterior Excision and Vertebral Body Fusion Operation for Intervertebral Disk Syndromes of the Lower Lumbar Spine: Three- to Five-Year Results in 244 Cases; pp. 107-127; Clinical Orthopaedics and Related Research, No. 26, J.B. Lippincott Company, 1963.
Lit. 3c	Harmon, Paul H.; A Simplified Surgical Technic for Anterior Lumbar Discectomy and Fusion; Avoidance of Complications; Anatomy of the Retroperitoneal Veins; pp. 130-143; Clinical Orthopaedics and Related Research, No. 37, J.B. Lippincott Company, 1964.
Lit. 3b	Bullough, Peter G.; Atlas of Spinal Diseases; Figure 5.7; J.B. Lippencott Company; 1988
	Arnold, David M.; State of the Art Reviews: Pedicle Fixation of the Lumbar Spine; pp. 176-200, Hanley & Belfus, Inc., 1992
	North American Spine Society Second Annual Meeting, June 25-28, 1987
	Cloward, Ralph B.; The Treatment of Ruptured Lumbar Intervertebral Discs by Vertebral Body Fusion; J Neurosurg. 10; pp. 154-167; 1953
	Morscher, E. et al.; The Anterior Plating of the Cervical Spine with the Titanium Hollow Screw System; Surgeon 57; 702-707; 1986
<i>✓</i>	White, Arthur H.; Lumbar Spine Surgery: Some Opinions of General Orthopedists and Superspecialists; pp. 11-15; 27; 30; 35-45; 265-268; 1987
EXAMINER <i>mb</i>	DATE CONSIDERED <i>1-31-06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

Substitute for FORM PTO-1449		Attorney Docket Number 102.0001-13000		Customer No. 22882	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) Sheet <u>1</u> of <u>1</u>		Applicant Gary Karlin Michelson		Application Number 10/685,776	
		Filing Date October 15, 2003		Group Art Unit 3764	
				Examiner (M. Brown)	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
MB	4,313,434	2/1982	Segal		
	4,373,217	2/1983	Draenert		
	4,488,549	12/1984	Lee et al.		
	4,494,535	1/1985	Haig		
	4,522,201	6/1985	Tongue		
	4,627,434	12/1986	Murray		
	4,843,112	6/1989	Gerhart et al.		
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION (YES/NO)
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
MB	Olerud, Sven et al.; TRANSPEDICULAR FIXATION OF THORACOLUMBAR VERTEBRAL FRACTURES; No. 227; February 1988; pp. 44-51.				
	INTERNAL FIXATION OF THORACIC AND LUMBAR SPINE FRACTURES; Hans Huber Publishers; pp. 11, 39, 44-46, 70-72, and 93.				
	Edeland, H.G.; OPEN REDUCTION OF CENTRAL COMPRESSION FRACTURES OF THE TIBIAL PLATEAU, Preliminary Report of a New Method and Device Arrangement; Acta orthop. scand. 47, 1976; pp. 686-689.				
	Daniaux, H.; TRANSPEDIKULÄRE REPOSITION UND SPONGIOSAPLASTIK BEI WIRBELKÖRPERBRÜCHEN DER UNTEREN BRUST- UND LENDENWIRBELSÄULE; Unfallchirurg No. 89, Springer-Verlag 1986; pp. 197-213; with translation				
	Nicola, Nikolaus et al.; VERTEBRAL HEMANGIOMA: RETROGRADE EMBOLIZATION-STABILIZATION WITH METHYL METHACRYLATE; Surg Neurol 1987; No. 27; pp. 481-486.				
	Radiological Society of North America; RSNA SCIENTIFIC PROGRAM, 74 th SCIENTIFIC ASSEMBLY AND ANNUAL MEETING.				
	Galibert, P. et al.; NOTE PRÉLIMINAIRE SUR LE TRAITEMENT DES ANGIOMES VERTÉBRAUX PAR VERTÉBROPLASTIE ACRYLIQUE PERCUTANÉE; Neurochirurgie; No. 33; 1987; pp. 166-168; with translation.				
EXAMINER <i>MB</i>		DATE CONSIDERED 1-31-06			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					

**RECEIVED
CENTRAL FAX CENTER**

10-17-2005 13:19 From-MARTIN&FERRAROLLP

3308772030

T-271 P.004

F-760

OCT 17 2005

OMB 0651-0031

Substitute for FORM PTO-1449			Attorney Docket Number 102.0001-13000		Customer No. 22882	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant Gary Karlin Michelson		Application Number 10/685,776	
<i>(Use several sheets if necessary)</i> Sheet <u>1</u> of <u>2</u>			Filing Date October 15, 2003		Group Art Unit 3784	Examiner M. Brown
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	2,100,319	11/1937	Brown et al.			
	2,984,241	5/1961	Carlson			
	3,834,393	9/1974	Goggins			
	4,010,737	3/1977	Vilaghy et al.			
	4,067,340	1/1978	LeNoir			
	4,142,617	3/1979	Stavropoulos et al.			
	4,153,053	5/1979	Figallo			
	4,337,773	7/1982	Raftopoulos et al.			
	4,356,828	11/1982	Jamshidi			
	4,444,184	4/1984	Oretorp			
	4,466,429	8/1984	Loscher et al.			
	4,497,320	2/1985	Nicholson et al.			
	4,589,414	5/1986	Yoshida et al.			
	4,603,694	8/1986	Wheeler			
	4,612,053	9/1986	Brown et al.			
	4,761,406	8/1988	Flora et al.			
	4,798,213	1/1989	Doppelt			
	4,843,112	6/1989	Gerhart et al.			
	4,905,671	3/1990	Senge et al.			
	4,944,744	7/1990	Ray			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	3 219 575	12/1983	Germany			Abstract Only
	3 414 374	10/1986	Germany			Abstract Only
	1 050 383	12/1986	Great Britain			N/A
	1 225 543	4/1988	Soviet Union			No
	1 148 610	7/1985	Soviet Union			Yes
✓	682 082	5/1979	USSR			Yes

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
MB	Blauth et al.; Therapeutic Concept and Results of Operative Treatment in Acute Trauma of the Thoracic and Lumbar Spine: The Hannover Experience; Raven Press, Ltd. New York; 1987.
	Carlson et al.; The Use of Methylmethacrylate in Repair of Neoplastic Lesions in Bone; Radiology 112:43-46; 1974.
	Harrington, Kevin D.; The Use of Methylmethacrylate for Vertebral-Body Replacement and Anterior Stabilization of Pathological Fracture-Dislocations of the Spine due to Metastatic Malignant Disease; The Journal of Bone and Joint Surgery, Incorporated; 1981.
	Kennedy, William R.; Fractures of the Tibial Condyles; Clinical Orthopaedics and Related Research; No. 134; 1978.
	Malawar et al.; Effect of Cryosurgery and Polymethyl Methacrylate on a Tumor Cavity: Evaluation of Bone Necrosis and Bone Graft Incorporation in a Dog Model; 1988.
	Richter-Turtur et al.; Das Problem der Belastungsstabilität bei pathologischen Frakturen (The Problem of Load Stability in Pathological Fractures); Akt. Traumatol. 14 Georg Thieme Verlag Stuttgart - New York; 1984.
	Schatzker, Joseph; Fractures of the Tibial Plateau; text book; 1987.
	Steffee et al.; Reduction and Stabilization of Grade IV Spondylolisthesis; Clinical Orthopaedics and Related Research - Number 227; 1988.
	Steffee et al.; Segmental Spine Plates with Pedicle Screw Fixation; Clinical Orthopaedics and Related Research; 1986.
✓	Yuan-zhang et al.; Os Calcis Fracture Treated by Percutaneous Poking Reduction and Internal Fixation; Chinese Medical Journal; 1984.
EXAMINER MB	DATE CONSIDERED 1-31-06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	